

Datasheet for ABIN7560422

MLXIPL Protein (AA 1-864) (His tag)



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Overview

Quantity:	1 mg
Target:	MLXIPL
Protein Characteristics:	AA 1-864
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MLXIPL protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Mlxipl Protein expressed in mammalien cells.
Sequence:	<p>MARALADLSV NLQVPRVPS PDSDDTDLE DPSPRRSAGG LHRSQVIHSG HFMVSSPHSD</p> <p>SLTRRRDQEG PVGLADFGPR SIDPTLTHLF ECLSLAYSGK LVSPKWKNFK GLKLLCRDKI</p> <p>RLNNAIWRW YIQYVQRRKS PVCGFVTPQLQ GSEADEHRKP EAVILEGNYW KRRIEVMRE</p> <p>YHKWRIYYKK RLRKSSREGD FLAPKQVEGG WPPPERWCEQ LFSSVVPVLL GGSEEEPGGR</p> <p>QLLDLDCFLS DISDTLFTMT QPSPSSLQLP PEDAYVGNAD MIQPDLTPLQ PSLDDFMEIS</p> <p>DFFTNYRPPQ TPTSSNYIES PSFGPMADSL FSSGILAPEM PSPASSSSSS GMTPHSGNTR</p> <p>LQARNSCSGP LDPNPFLSSE FLLPEDPKTK IPPAPGPTPL LPFPTPVKVH GLEPCTPSPF</p> <p>PTMAPPPSLL PEESLLSARF PFTSAPPAPG VSTLPAPTTF VPTPQPGPGP VPFSVDHLPH</p> <p>GYLEPVFGPH FTVPQGMQPR CKPSSSPGG QKASPPTLAS ATASPTATAT ARDNNPCLTQ</p> <p>LLRAAKPEQA LEPPTMPGTL LRPPESPQDT VSEIPRARAF FPIPAPTPP RPPPGPATLA</p> <p>PPRSLVPKA ERLSPPASSG SERRLSGDLN SIQPSGALSV HSPPTQTVLS RGRVDNNKME</p>

NRRITHISAE QKRRFNIKLG FDTLHGLVST LSAQPSLKVS KATTLQKTAE YILMLQQUERA
AMQEEAQQLR DEIEELNAAI NLCQQQLPAT GVPITHQRFQ QMRDMFDDYV RTRTLHNWKF
WVFSILIRPL FESFNGMVST ASLHSLRQTS LAWLEQYCSL PALRPTVLNS LRQLSTSTSI
LTDPSLVPEQ ATRAVTEGTL GRPL **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	MLXIPL
Alternative Name:	Mlxip1 (MLXIPL Products)
Background:	Carbohydrate-responsive element-binding protein (ChREBP) (MLX interactor) (MLX-interacting protein-like) (Williams-Beuren syndrome chromosomal region 14 protein homolog),FUNCTION: Transcriptional repressor. Binds to the canonical and non-canonical E box sequences 5'-CACGTG-3'.
Molecular Weight:	94.9 kDa
UniProt:	Q99MZ3

Target Details

Pathways: [Carbohydrate Homeostasis](#), [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months